

MR2349-741  
S.N. 10/002,104  
Amendment After Final dated 5 September 2003  
Reply to Office Action of 20 June 2003

IN THE CLAIMS:

This listing of Claims will replace all prior versions, and listings, of Claims  
in the subject Patent Application:

Listing of Claims:

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[1-2. (Canceled)]

B4  
3. (Newly amended) The multipurpose input device as recited in Claim 7,  
wherein said magnetic core has a coil frame or package mechanism to isolate said  
magnetic core from said ~~electrical~~ leads portions.

[4. (Canceled)]

5. (Previously presented) The multipurpose input device as recited in  
Claim 7, wherein said coil is formed by helically disposing a first coil portion having a  
first number of turns about a second coil portion having a second number of turns, said  
first number of turns being less than said second number of turns.

[6. (Canceled)]

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7. (Currently amended) A multipurpose input device for coupling an AC input source to a DC circuit, the multipurpose input device comprising:

BS /  
a magnetic core, said magnetic core having characterized by high magnetic permeability; a pair of ~~electrical~~ leads portions extending therefrom;

a coil having a predetermined electrical resistance between first and second terminals portions thereof, said first and second terminals portions being electrically coupled to a corresponding ones of said pair of ~~electrical~~ leads portions, said coil being constructed from a fusible material and helically disposed about said magnetic core, said fusible material causing an open circuit in said coil upon the flow of a predetermined electrical current therethrough for limiting current flow to levels below said predetermined electrical current; and,

a protective covering layer coated onto said coil.

8. (Previously presented) The multipurpose input device as recited in Claim 7, wherein said magnetic core is characterized by high electrical resistance.

[ 9. (Canceled) ]